

SOIL CLASS: 26 WINDSOR

(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: DATUM = APPROX NGVD 29

#1 SET NAIL 8" OAK EL 46.78

#2 SET NAIL 12" OAK EL 53.59

#3 SET NAIL 8" BEECH EL 51.38

#4 SET NAIL 4" OAK EL 44.92

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 46.0

2. THERE IS/ARE APPROX 0 FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. (EL 46)

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

50.0 EXISTING CONTOUR

(50.0) PROPOSED CONTOUR

50.0 EXISTING SPOT ELEVATION

(50.0) PROPOSED SPOT ELEVATION

NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:

RCRD PLAN D35129

2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: SA2007008197

3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.

4. a) NO SURFACE WATER WITHIN 100' OF

b) NO WELLS WITHIN 75' OF PROPOSED

c) NO HYDRIC B SOILS WITHIN 75' SYSTEM

d) NO HYDRIC A SOILS WITHIN 75' SYSTEM

LOT 1 2.00 ACRES±

REMAINING LAND 28.7 AC

1"=APPROX 100'

LOT 1 2.00 ACRES±

REMAINING LAND 28.7 AC

1"=APPROX 100'

LOT 1 2.00 ACRES±

REMAINING LAND 28.7 AC

1"=APPROX 100'

LOT 1 2.00 ACRES±

REMAINING LAND 28.7 AC

1"=APPROX 100'

LOT 1 2.00 ACRES±

REMAINING LAND 28.7 AC

1"=APPROX 100'

LOT 1 2.00 ACRES±

REMAINING LAND 28.7 AC

1"=APPROX 100'

LOT 1 2.00 ACRES±

REMAINING LAND 28.7 AC

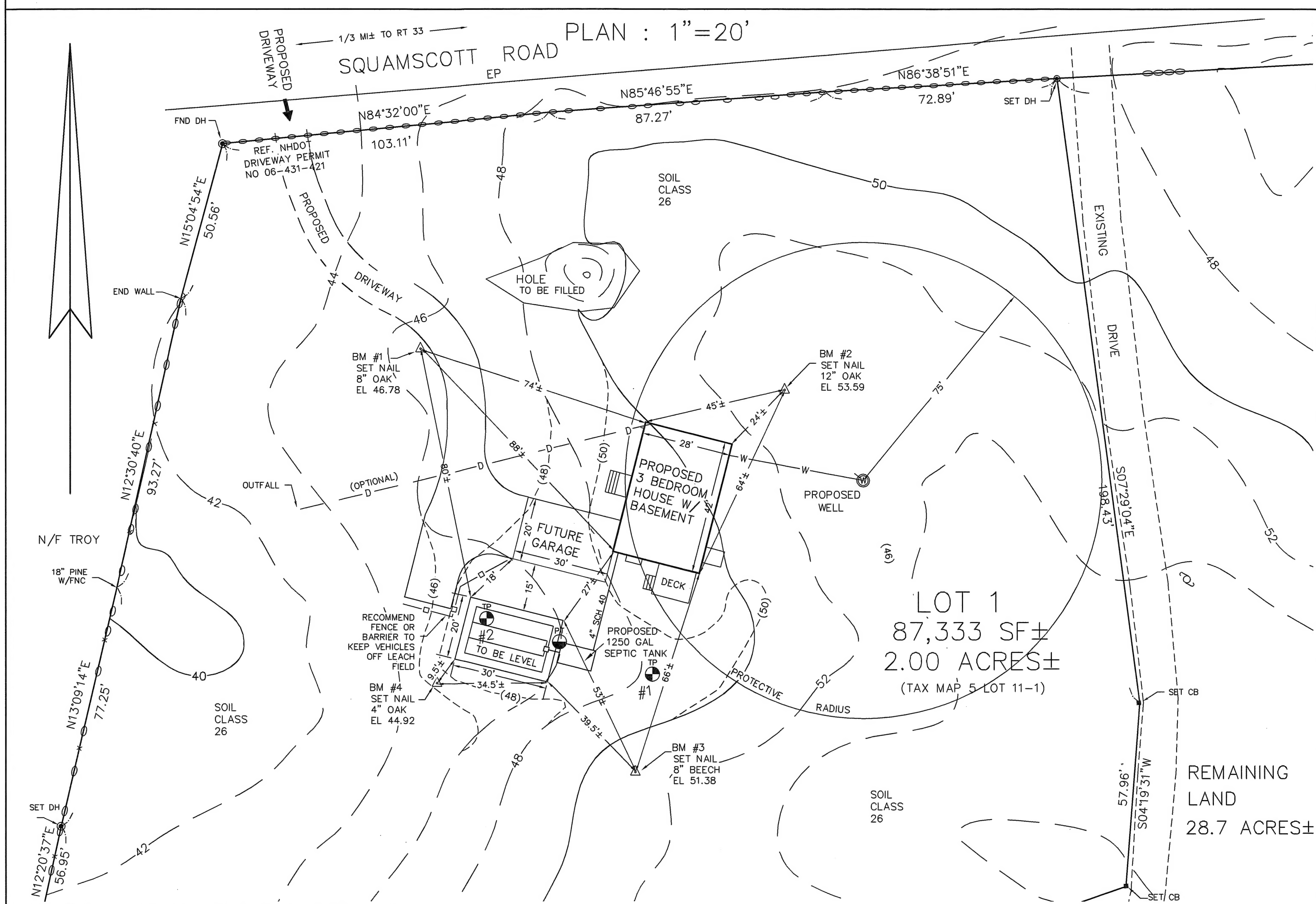
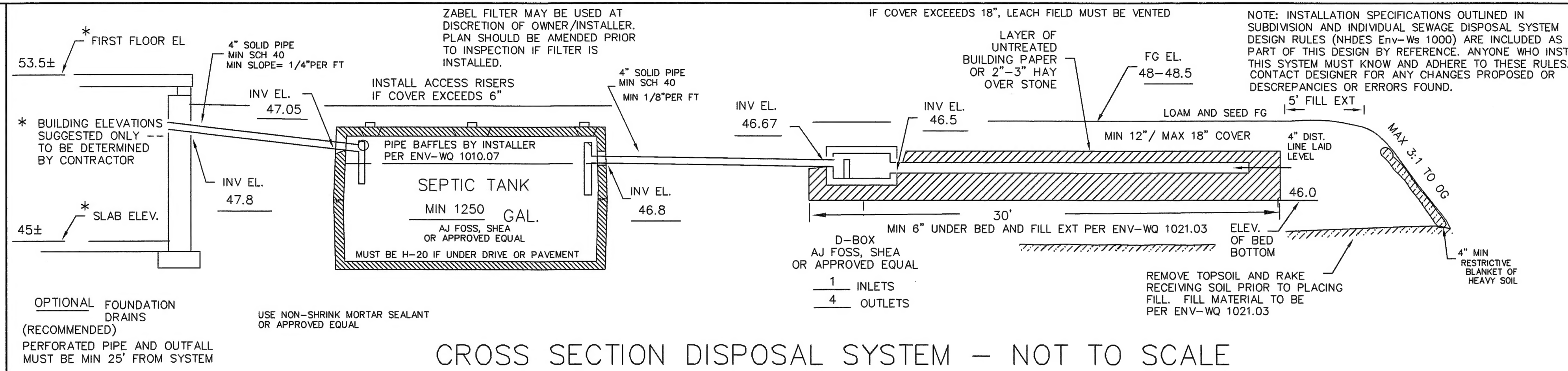
1"=APPROX 100'

LOT 1 2.00 ACRES±

REMAINING LAND 28.7 AC

1"=APPROX 100'

LOT 1 2.00 ACRES±



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV-WS 1023.01 (g) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.

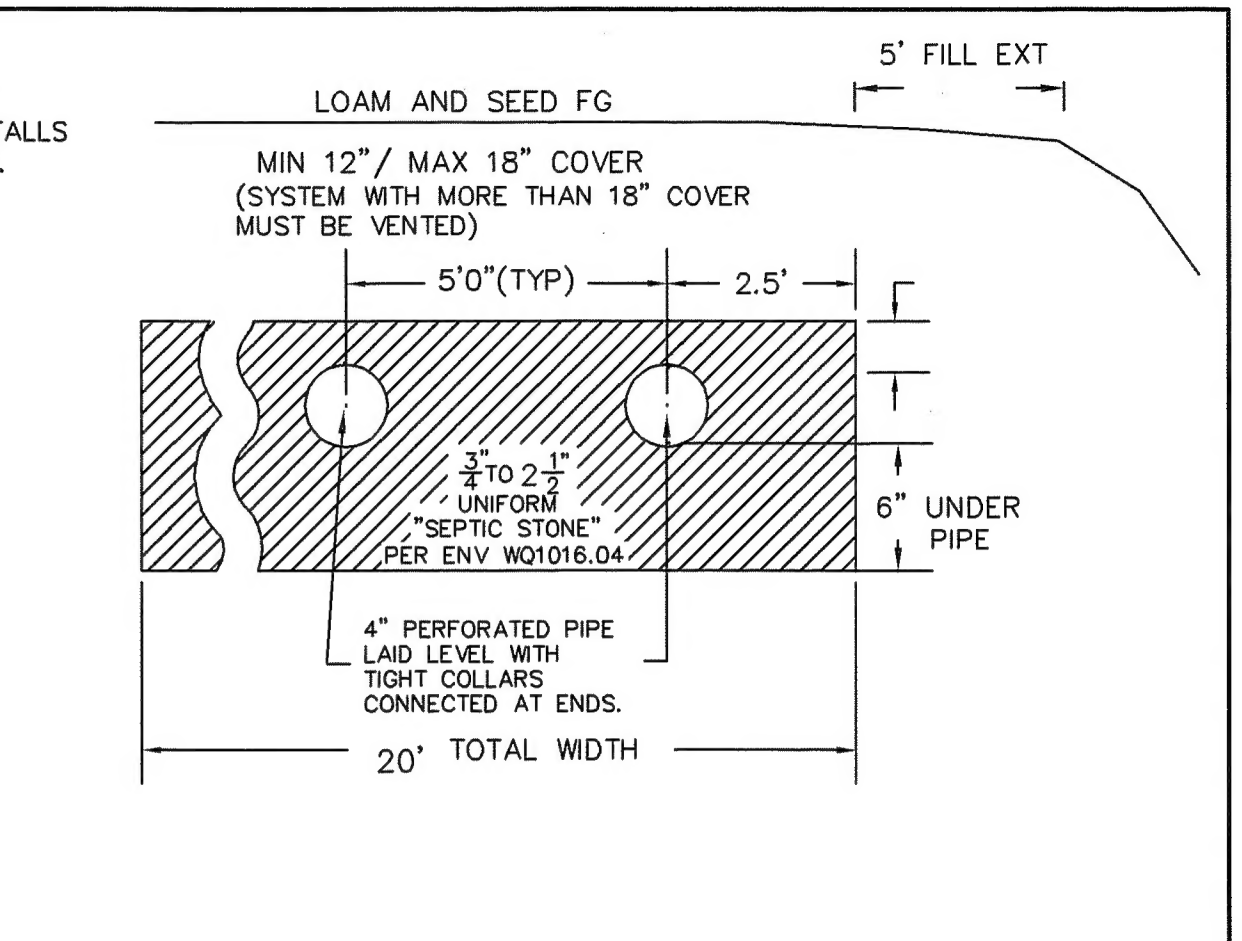
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.



DATE OF TEST PITS: AUGUST 9, 2007

LOGGED BY ANNE BIALOBRZESKI, NHDES DESIGNER #348

WITNESSED BY RICHARD BOND, RCCD (TOWN OF STRATHAM)

TEST PIT #1 EL 48.4

0-6" TOPSOIL & ROOT MAT

6-30" 10YR5/6 SLIGHTLY LOAMY SAND, GRANULAR FRIABLE

30-84" 2.5Y6/4 FINE TO MED SAND, GRANULAR FRIABLE TO LOOSE

NO EVIDENCE OF SHWT TO 84". ROOTS TO 48"

NO OBSERVED WATER, NO REFUSAL

TEST PIT #2 EL 46.0

0-6" TOPSOIL & ROOT MAT

6-32" 10YR5/6 SLIGHTLY LOAMY SAND, GRANULAR FRIABLE

32-84" 2.5Y6/4 FINE TO MED SAND, GRANULAR FRIABLE TO LOOSE

ESHWIT @ 72"+, ROOTS TO 36"+

NO OBSERVED WATER, NO REFUSAL

PERC TEST DATA

DATE: AUGUST 9, 2007

PERC RATE: < 2 MIN/IN DEPTH: 24"+

DESIGN LOADING: 3 BEDROOMS

AREA REQUIRED: 560 SQUARE FEET

AREA PROPOSED: 20' X 30' = 600 SF PROVIDED

PROPOSED SEPTIC SYSTEM PLAN

LOCUS: LOT 1 SQUAMSCOTT ROAD

STRATHAM, NH

OWNER: RONALD & MARY ANN ROBERTS

21R SQUAMSCOTT ROAD

STRATHAM, NH 03885

APPLICANT: STOCKTON SERVICES

PO BOX 1306

HAMPTON, NH 03843-1306

603 929-7404

DATE: APRIL 16, 2008

APPROVAL: CA2008092540

DESIGNER: Ann W. Bialobrzewski

No. 348

Water Supply & Pollution Control

SEPTIC SYSTEM PLAN

LOCUS: LOT 1 SQUAMSCOTT ROAD

STRATHAM, NH

OWNER: RONALD & MARY ANN ROBERTS

21R SQUAMSCOTT ROAD

STRATHAM, NH 03885

APPLICANT: STOCKTON SERVICES

PO BOX 1306

HAMPTON, NH 03843-1306

603 929-7404

DATE: APRIL 16, 2008

APPROVAL: CA2008092540

DESIGNER: Ann W. Bialobrzewski

No. 348

Water Supply & Pollution Control